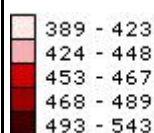


## Women and Cardiovascular Disease State Facts: Michigan

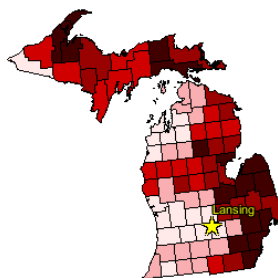
- Heart disease, stroke and other cardiovascular diseases are the #1 killer in Michigan.
- Heart disease and stroke accounted for nearly 38% of all female deaths in Michigan in 2003.
- Approximately 46 females a day died from heart disease and stroke in Michigan in 2003.
- Heart disease and stroke killed more females in Michigan than the next 5 causes of death combined in 2003.
- Heart disease alone is the leading cause of death in Michigan, accounting for 30% of all female deaths in 2003.

### Heart Disease Death Rates, All Women, Ages 35+, 1996-2000

Age-adjusted  
Average Annual  
Deaths per 100,000



State Rate **477**  
National Rate **438**



- Stroke is the #3 cause of female death in Michigan.
- Stroke accounted for 7.5% of all female deaths in Michigan in 2003.
- In the United States, the direct and indirect cost of cardiovascular diseases for 2006 is estimated to be \$403.1 billion.

Sources: Centers for Disease Control and Prevention state maps and WISQARS 2003 Michigan leading cause of death statistics, American Heart Association *Heart Disease and Stroke Statistics- 2006 Update*.

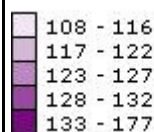


American Heart Association® | American Stroke Association®

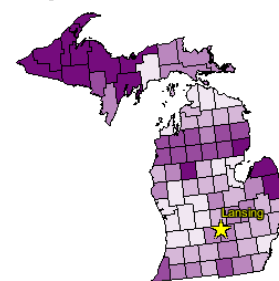
*Learn and Live.*

### Stroke Death Rates, All Women Ages 35+, 1991-1998

Age-adjusted  
Average Annual  
Deaths per 100,000



State Rate **120**  
National Rate **117**



- In 2003, approximately 53% of all heart disease and stroke deaths in Michigan occurred in females.

### Christie Faccio — A Michigan Story

Christie Faccio's mother suffered a heart attack at home one morning in 2002. Even though she received CPR and someone called 9-1-1 for help, Christie's mom still passed away. "The images of seeing this happen to my absolute best friend changed my 19-year-old life in many indescribable ways," Christie said. "My mother had the symptoms."

For six months before her heart attack, Christie's mom was ill with what she thought was "indigestion," couldn't sleep and suffered extreme exhaustion. Her family had no idea that her symptoms were common signs for a heart attack, especially in women. "Tragically, none of us were aware at the time that heart disease in women could present that way," Christie said.

Christine, a resident of East Lansing, Mich., has become a passionate speaker about her mother's life. "This experience has changed me. I will never be the same. My mother's premature death has turned my path 180 degrees," she says. "I have gone from wanting to work with animals to spending the rest of my life fighting for her memory. Fighting so that no one else will lose her mother the way I did. Fighting to make people understand that hundreds of thousands of women die each year from heart disease, and because of that, hundreds of thousands of people's lives are never the same again." To other women, Christie advises: "Be assertive in your health care. Don't let a doctor brush you off. Ever. If you have concerns, you have the right to have them resolved. Don't let anyone ever convince or tell you otherwise."

The experience of Christie and her family shows why the American Heart Association and its volunteers are advocating for more research, education and screening to help prevent and cure heart disease, stroke and other cardiovascular diseases, the No. 1 killer of women in Michigan and the United States.